

Abstract of the Disclosure:

Transmission devices that are disposed at a transmitting and a receiving end are synchronized in a block-coded bidirectional data transmission via a bit-oriented channel. The transmission devices assume an asynchronous synchronization state at the beginning of the data transmission and in each case transmit first flags to the opposite end, and each of the transmission devices first synchronizes to the received first flags and/or further flags. When one of the two transmission devices has successfully synchronized, the further flags are transmitted to the opposite end until no further first flags are received by the opposite end and synchronism has thus been achieved at both transmission devices. Thereupon, data transmission can be begun.

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